Inventor: Douglas J. Cameron Docket No.: 3PD-P104 1/9

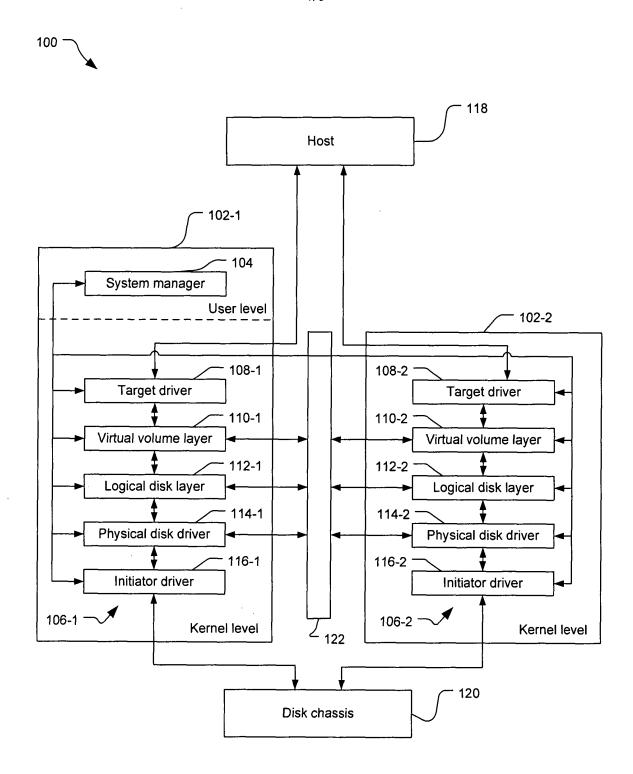


Fig. 1

Title: "ON-DEMAND ALLOCATION OF PHYSICAL STORAGE FOR VIRTUAL VOLUMES"

Inventor: Douglas J. Cameron Docket No.: 3PD-P104 2/9

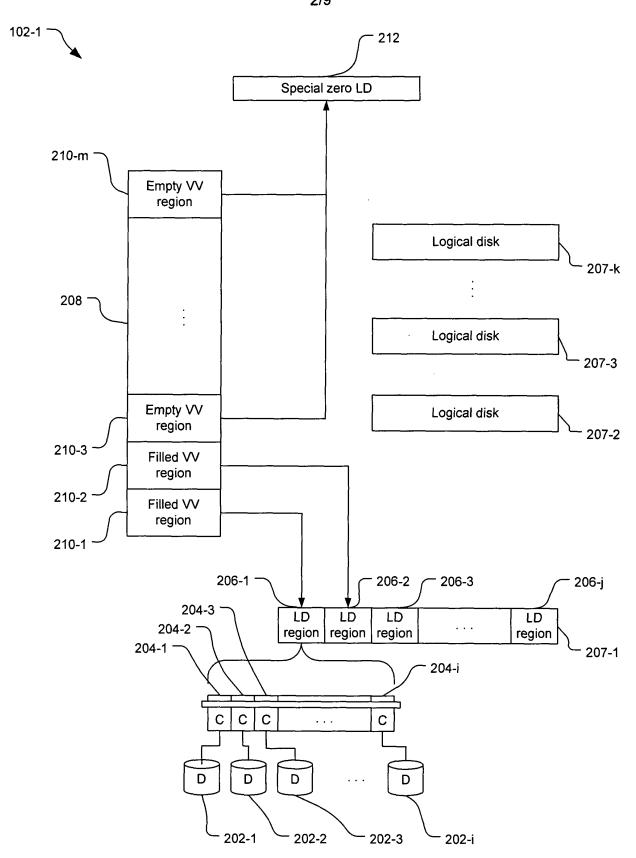
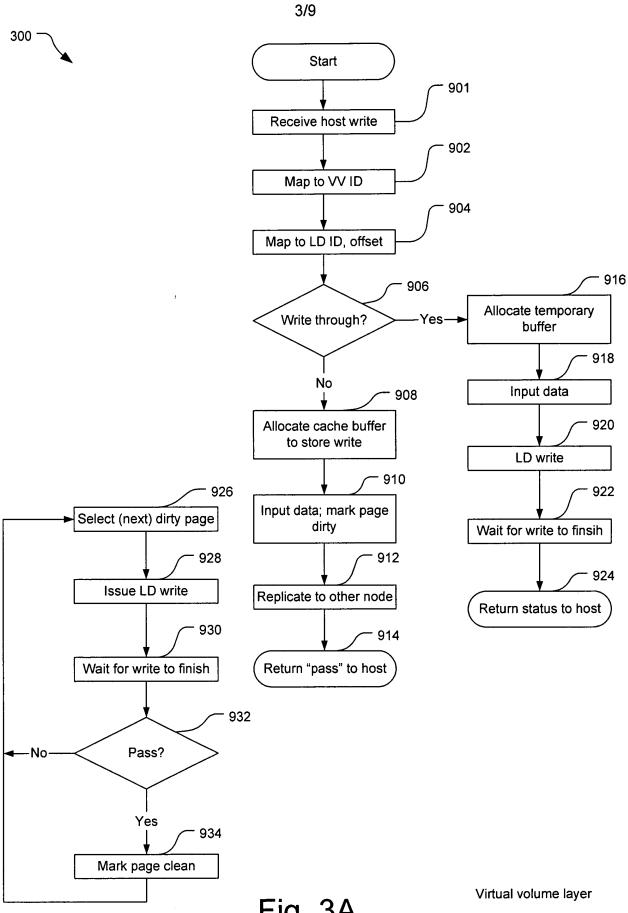


Fig. 2

Title: "ON-DEMAND ALLOCATION OF PHYSICAL STORAGE FOR VIRTUAL VOLUMES"

Inventor: Douglas J. Cameron Docket No.: 3PD-P104



Inventor: Douglas J. Cameron Docket No.: 3PD-P104 4/9



Logical disk layer

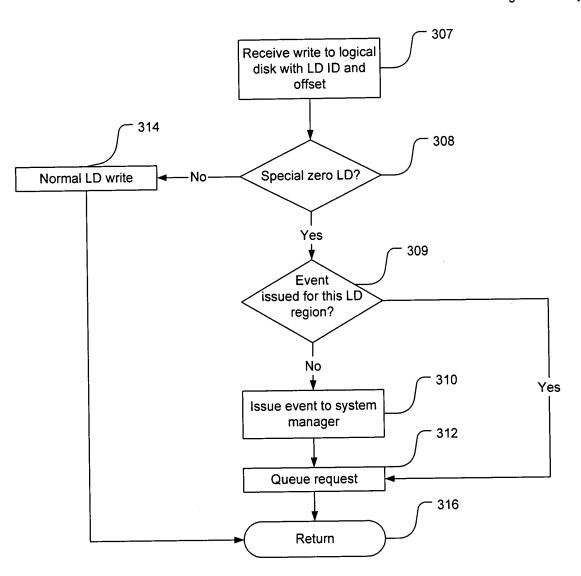


Fig. 3B

Inventor: Douglas J. Cameron Docket No.: 3PD-P104 5/9

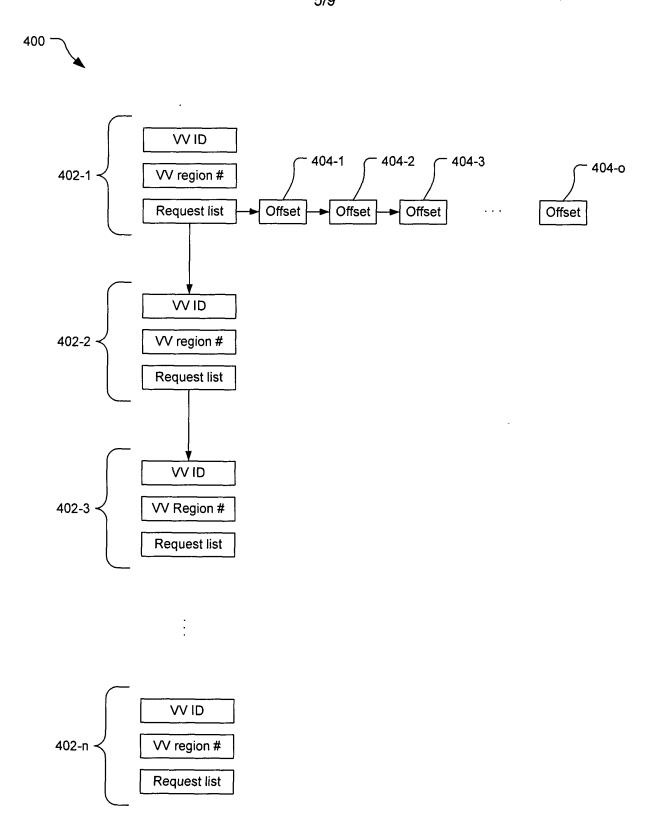
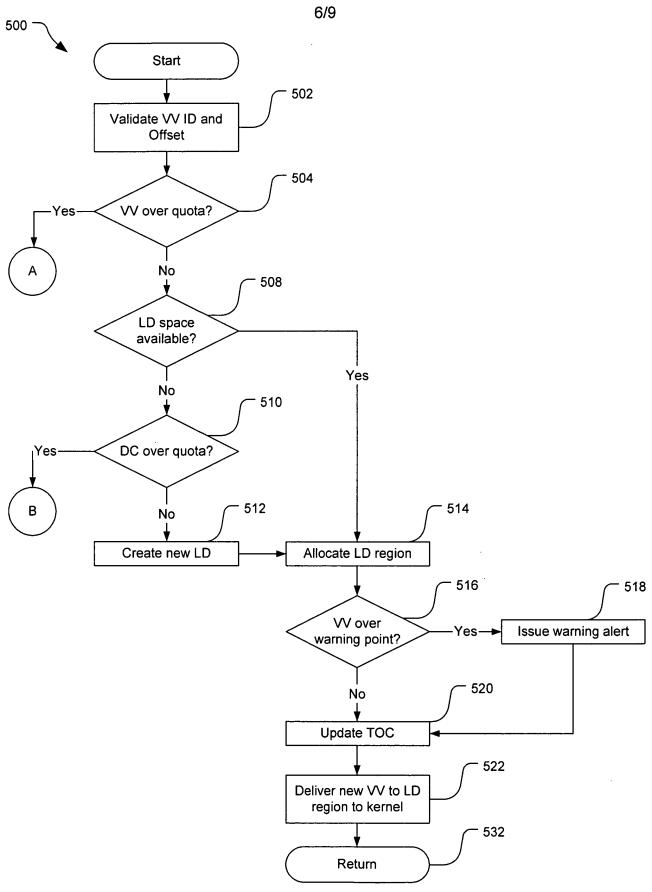


Fig. 4

Inventor: Douglas J. Cameron Docket No.: 3PD-P104



<u>Fig. 5A</u>

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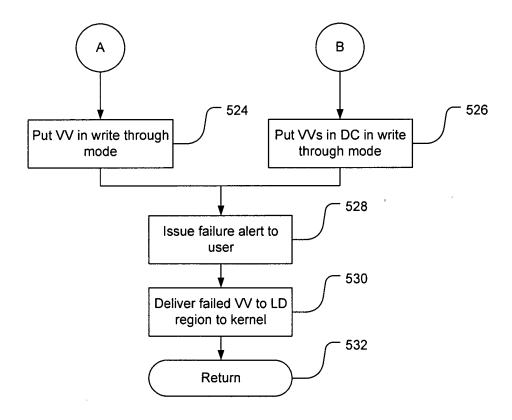


Fig. 5B

Inventor: Douglas J. Cameron Docket No.: 3PD-P104 8/9

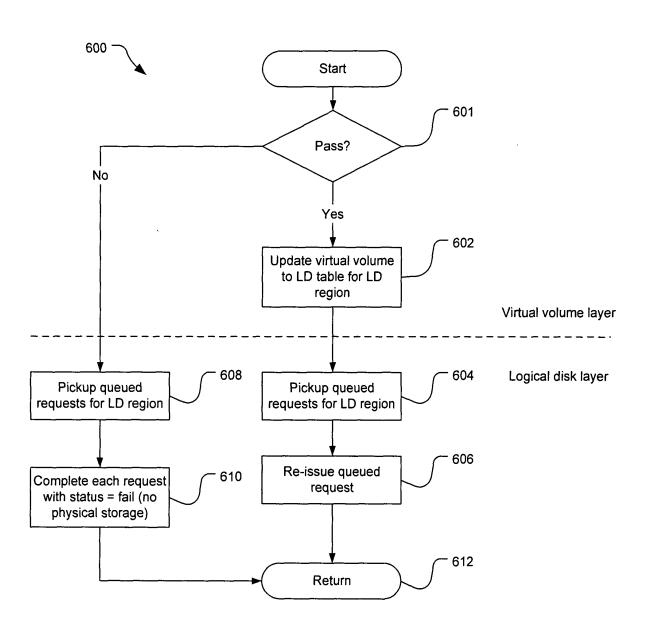
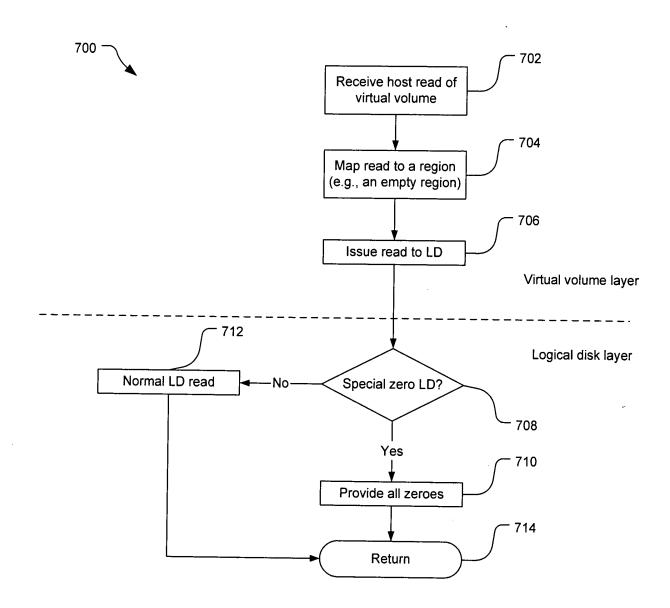


Fig. 6

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<u>Fig. 7</u>